DATABASE (Task)

Table 1:- student and exam

student table=>

create table student(rollno int autoincrement,

name varchar(200),

branch varchar(200)

primary key(rollno)

);

insert into student(name,branch)

values("jay","computer science"),

("suhani","elctronic and com"),

("kriti","elctronic and com");

exam table=>

create table exam(rollno int,

s\_code varchar(200),

marks int,

p\_code varchar(200),

foreign key(rollno) references student(rollno)

);

insert into exam(rollno,s\_code,marks,p\_code)

values(1,"CS11",50,"CS"),

(1,"CS12",60,"CS"),

(2,"EC101",66,"EC"),

(2,"EC102",70,"EC"),

(3,"EC101",45,"EC"),

(3,"EC102",50,"EC");

table 2:-

CREATE TABLE prectice(firstname varchar(200),

lastname varchar(200),

address varchar(200),

city varchar(200),

age int);

INSERT INTO prectice(firstname,lastname,address,city,age)

VALUES("mickey","mouse","123 fintasy way","anaheme",73),

("bat","man","321 caverm ave","gotham",54),

("wonder","womem","987 truth way","paradise",39),

("donald","duck","555 queek street","malard",65),

("bugs","bunny","567 carrot street","roscal",58),

("wiley","coyyot","999 acmy way","conyon",61),

("cat","women","234 perfect street","hariball",32),

("tweety","bird","543","itotltaw",28)

Table 3:- Employee and Incentive

=> Get First\_Name from employee table using Tom name Employee Name.

=>SELECT \* FROM employee WHERE FIRST\_name="Tom";

b=> Get FIRST\_NAME, Joining Date, and Salary from employee table.

=>SELECT First\_name,Joining\_date,Salary FROM employee;

=> Get all employee details from the employee table order by First\_Name Ascending and Salary descending?

=>SELECT \* FROM `employee` ORDER by First\_name ASC;

=>SELECT \* FROM `employee` ORDER by Salary DESC;

=> Get employee details from employee table whose first name contains.

=>SELECT \* FROM `employee` WHERE First\_name LIKE 'J%';

=>Get department wise maximum salary from employee table order by salary ascending?

=>SELECT Department,Salary FROM employee where Department="Banking" ORDER by Salary ASC;

=>SELECT Department,Salary FROM employee where Department="Insurance" ORDER by Salary ASC;

=>SELECT Department,Salary FROM employee where Department="service" ORDER by Salary ASC;

=> Select first\_name, incentive amount from employee and incentives table for those employees who have incentives and incentive amount greater than 3000.

=>SELECT First\_name,incentive\_amount FROM employee INNER JOIN incentive ON employee.Employee\_id=incentive.employee\_ref\_id WHERE incentive\_amount>3000;

Table 4:- Customer and Salesperson

=>Names and cities of all salespeople in London with commission above 0.12.

=>SELECT SNAME,City,COMM FROM salesperson WHERE COMM>=.12;

=> All salespeople either in Barcelona or in London.

=>SELECT SNAME,City FROM salesperson WHERE city IN ("London","Barcelona");

=> All salespeople with commission between 0.10 and 0.12. (Boundary values should be excluded).

=>SELECT COMM FROM salesperson WHERE COMM BETWEEN 0.10 and 0.12;

=> All customers excluding those with rating <= 100 unless they are located in Rome.

=>SELECT \* FROM customer WHERE Rating<=100 AND NOT City="roe";